

SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM (B2)
Fixed and Broadcast Communications (5)

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MODELING OF EARTHQUAKE PREDICTION SYSTEM ON WIRELESS SENSOR NETWORK VIA
SATELLITE COMMUNICATION

Abstract

In this paper we propose a Modeling system of Earthquake's location and prediction by using modern wireless sensor networking combined with the technology of GPS and satellite communication. The target of modeling system focuses on finding the location and happening time of Earthquake event in the hazard environment. With the information collected from the sensors, we will be able to predict earthquake activities in the algorithms. The process is also demonstrated in OPNET simulation.